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TRANSMITTAL OF CONTRACT REPORT

DATE: October 20, 1967

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TO:

[Redacted]

Post Office Box 6788
Fort Davis Station
Washington, D. C. 20020

Declass Review by NGA.

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Attention:

[Redacted]

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Contract No.

[Redacted]

Report No. and Type: Third Monthly Progress Report

Covering Period: 1 September 1967 to 30 September 1967

Transmitted herewith are the required copies of the report described above. Distribution is as indicated below. Should further information be desired, please contact the undersigned.

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Inc.

Program Administrator
Photogrammetric and Military
Systems

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FORM #2897

CONFIDENTIAL

Third Monthly Progress Report
for
Anamorphic System for High Power Stereoviewer, Phase II

Prepared by

[Redacted]

October 5, 1967

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This third monthly progress report for the Anamorphic Attachment for High Power Stereoviewer, Phase II covers the period 1 September to 30 September 1967. Manufacture of mechanical parts was completed. One of the two units has been assembled with the second unit scheduled for assembly early in the next reporting period. The assembly contains only the mechanical parts, for optical components are not scheduled for delivery until the middle of the next reporting period.

Mechanical assembly was carried out to illustrate and evaluate the linkage design, to verify the compatibility of the Anamorphic Attachment with the High Power Stereoviewer, and to permit the taking of pictures for the Instruction Manual. The design is such that very little disassembly time is necessary prior to the addition of optics.

Optics are expected about the middle of the next reporting period. They will be assembled into the mechanical package at that time.

A meeting was held with the customer on September 6, 1967. The minutes are attached.

MINUTES OF MEETING

Held 9-6-67

25X1 PRESENT: [REDACTED] Customer's Technical
Representatives

SUBJECT: Anamorphic Attachment for HPSV

The status of the Anamorphic Attachment was discussed. Some mechanical parts were seen in the Model Shop.

Several points were made pertaining to the testing, evaluation, and packaging of the Anamorphic Attachments. For the evaluation we should be prepared to use a standard HPSV equipped with [REDACTED] eyepieces and objectives. The resolution of the system, field of view and per cent loss in transmission due to the attachment will be measured. The per cent transmission will be obtained using the method formulated for the Zoom 70 equipped Anamorphic Eyepieces. Per cent transmission measurement will be made at 1.0X and 2.2X Anamorphic magnification. A detailed test procedure will be written.

A simple carrying case should be provided and the lower lens (collimator) should have an inexpensive dust cover placed over it during storage.

WW:rcs

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